

ADA Messenger System

Wireless Pedestrian Pushbutton



The ADA Messenger system is a simple wireless network solution, built around a master and one or more local radios. With the battery powered local you can have an easy pedestrian crossing with no trenching. Exclusively through Traffic Signal Controls, INC.

Description
-Easy installation into a cabinet
-Time Division multiple access (TDMA) control architecture and Frequency Hopping Spread Spectrum (FHSS) technology combine to ensure reliable data delivery.
-Response time that is less than 100ms up to 1.86 miles (3 km) distance (line of sight).
-Long battery life; Each local radio runs on two 3.6V lithium batteries, with a service life of approximately 5 years.
-Lost link detected, and outputs set to user-defined conditions
-Compatible with standard ADA pedestrian pushbuttons, and electronic pushbuttons with the Piezo Pushbutton Control Box

Model Number	Model Name
PED-W Gateway	Wireless Master
TDC-143 / TDC-143H	Wireless Local
TDC-545	Pushbutton Box

Specifications	
Master Radio	
Range	Up to 2 miles (3.2 km)
Frequency	2.4 GHz
Power	+10VDC to +30VDC
Operating Temp	-40° to +185°F
Weight	0.58 lbs.
Local Radio	
Input	Dry Contact Closure, Live contact Closure (If combined with the TDC-F444)
Power	3.6VDC. Runs on 2 AA Batteries (Included)
Operating temperature	-40° to +185°F
Weight	0.6 lbs
Piezo Pushbutton Control Box	
Size	6.5" x 3.5" x 2"
Weight	49 lbs
Power	Runs on 4 9V batteries (Included)